



Figure 1

FIGURE 2

OST114198 OC8729 (Similar To: AA791497)
 OST116050 OC11313 (Similar To: AA474901)
 OST116739 OC1355 (Similar To: AA563095)
 OST118079 OC11070 (Similar To: A1157392)
 OST123840 OC17436 (Similar To: AA693056)
 OST125603 OC10138 (Similar To: AA338690)
 OST123893 OC8202 (Similar To: AV126723)
 OST126932 OC21547 (Similar To: A1606698)
 OST125827 OC21569 (Similar To: AA545258)
 OST125898 OC21575 (Similar To: A1114955)
 OST125959 OC21590 (Similar To: A1840235)
 OST125983 OC21597 (Similar To: A1552250)
 OST126022 OC21604 (Similar To: AA538375)
 OST127436 OC21618 (Similar To: A1851301)
 OST126343 OC21653 (Similar To: A1428823)
 OST126359 OC21657 (Similar To: A1504897)
 OST126387 OC21660 (Similar To: A1747018)
 OST126431 OC21666 (Similar To: AA444250)
 OST126449 OC21667 (Similar To: AA014831)
 OST126476 OC21672 (Similar To: A1228158)
 OST126598 OC21686 (Similar To: AA013850)
 OST126608 OC14104 (Similar To: AA239671)
 OST126665 OC21692 (Similar To: A1549163)
 OST126670 OC21693 (Similar To: A1552025)
 OST126720 OC21698 (Similar To: A162305)
 OST126723 OC21699 (Similar To: AA472426)
 OST126744 OC21703 (Similar To: A1505521)
 OST126769 OC21709 (Similar To: A145606)
 OST126790 OC21715 (Similar To: AV093215)
 OST126811 OC21720 (Similar To: A1046973)
 OST126834 OC21724 (Similar To: AV118743)
 OST126866 OC21728 (Similar To: AA098144)
 OST126880 OC21731 (Similar To: A1848309)
 OST126886 OC21732 (Similar To: AA914442)
 OST126897 OC21733 (Similar To: A1573780)
 OST126922 OC21736 (Similar To: A1037622)
 OST126931 OC21737 (Similar To: AA881319)
 OST126935 OC21738 (Similar To: AA791478)
 OST127035 OC21760 (Similar To: AA259605)
 OST127054 OC8809 (Similar To: A1449209)
 OST127105 OC21772 (Similar To: AA816228)
 OST127133 OC21779 (Similar To: A1788152)
 OST127174 OC21782 (Similar To: AA030194)
 OST127191 OC21784 (Similar To: AA259844)
 OST127336 OC21811 (Similar To: AA387782)
 OST127346 OC21817 (Similar To: AA153672)
 OST127423 OC21827 (Similar To: AA086985)
 OST127426 OC21828 (Similar To: A1504070)
 OST127450 OC21833 (Similar To: W71511)
 OST127506 OC21843 (Similar To: AA879898)
 OST127509 OC21845 (Similar To: A1427240)
 OST127692 OC21868 (Similar To: AA050351)
 OST127753 OC21878 (Similar To: AA171322)
 OST127762 OC21880 (Similar To: AA036177)

OST127804 OC21889 (Similar To: AI506403)
OST127808 OC21890 (Similar To: AA990330)
OST127812 OC21891 (Similar To: AA200668)
OST127875 OC21903 (Similar To: AA410072)
OST127964 OC21904 (Similar To: AI647908)
OST127895 OC21906 (Similar To: AI647487)
OST128006 OC21922 (Similar To: AA763225)
OST128014 OC21923 (Similar To: AI120288)
OST128043 OC21930 (Similar To: AA139270)
OST128083 OC21938 (Similar To: AA562445)
OST128107 OC21943 (Similar To: AI194439)
OST128109 OC21944 (Similar To: AI194439)
OST128111 OC21945 (Similar To: AI194439)
OST128128 OC21948 (Similar To: AI385966)
OST128208 OC21956 (Similar To: AI450276)
OST128285 OC21966 (Similar To: AA241808)
OST128304 OC21968 (Similar To: C89508)
OST128356 OC21972 (Similar To: AA152982)
OST128373 OC21973 (Similar To: AA546519)
OST128407 OC21979 (Similar To: AA271059)
OST128415 OC21980 (Similar To: AA137957)
OST128425 OC21982 (Similar To: AA408830)
OST128534 OC21993 (Similar To: AA967255)
OST128584 OC22002 (Similar To: AI661305)
OST128632 OC22009 (Similar To: AA764230)
OST128683 OC22019 (Similar To: AV043661)
OST128739 OC22029 (Similar To: AA718379)
OST128770 OC22036 (Similar To: AI449409)
OST128774 OC22037 (Similar To: AA833329)
OST128780 OC22040 (Similar To: AI604451)
OST128813 OC22044 (Similar To: AA175580)
OST128880 OC22051 (Similar To: AI789522)
OST128900 OC22054 (Similar To: AI303317)
OST128952 OC22061 (Similar To: AI605196)
OST128969 OC22063 (Similar To: X98200)
OST128996 OC22071 (Similar To: AI558020)
OST129092 OC22082 (Similar To: AA063763)
OST129144 OC22094 (Similar To: AI159233)
OST129154 OC22097 (Similar To: AI427595)
OST129160 OC22099 (Similar To: AA033432)
OST129305 OC22112 (Similar To: AA866930)
OST129385 OC13840 (Similar To: AA254573)
OST129429 OC22122 (Similar To: W53703)
OST129445 OC22124 (Similar To: AA863736)
OST129465 OC22127 (Similar To: AI838686)
OST129501 OC22132 (Similar To: AI467473)
OST129561 OC22139 (Similar To: AA061868)
OST129566 OC22140 (Similar To: AV080665)
OST129573 OC22142 (Similar To: AA549116)
OST129580 OC22143 (Similar To: AU051119)
OST129671 OC22154 (Similar To: AU045249)
OST129867 OC22172 (Similar To: AI466419)
OST129972 OC22186 (Similar To: AI614350)
OST129991 OC22189 (Similar To: AI116579)
OST130005 OC22192 (Similar To: AI787856)
OST130017 OC22194 (Similar To: AI852799)

OST130049 OC22200 (Similar To: AA881601)
 OST130098 OC22207 (Similar To: AA546519)
 OST130135 OC22213 (Similar To: AI550433)
 OST130276 OC22226 (Similar To: AA137855)
 OST130279 OC22227 (Similar To: AI449349)
 OST130376 OC22243 (Similar To: AA080170)
 OST130447 OC22249 (Similar To: AA123768)
 OST130449 OC22250 (Similar To: AI854087)
 OST130296 OC22230 (Similar To: AA036152)
 OST128689 OC22021 (Similar To: AI788442)
 OST127345 OC21816 (Similar To: AI225922)
 OC21558 OST125775, similar to musEST:AA060014
 OC21559 OST125776, similar to genpept:4090239 musEST:AI098805
 OC21562 OST125794, similar to gsp:W84267 musEST:AA445393
 OC21568 OST125822, similar to genpept:433437 musEST:AA221654
 OC21576 OST125904, similar to musEST:AI606999
 OC21564 OST125912, similar to sp:P26284 musEST:W14444
 OC21578 OST125914, similar to genpept:5764099 musEST:AA209605
 OC21579 OST125916, similar to humEST:Z20148
 OC21580 OST125919, similar to sp:P70168
 OC21581 OST125921, similar to genpept:3776076 musEST:AI006635
 OC21596 OST125977, similar to genpept:6014491 musEST:AA871774
 OC21599 OST125993, similar to genpept:5880865 musEST:AA717005
 OC21606 OST126032, similar to sp:Q03145 musEST:AI325344
 OC21607 OST126033, similar to musEST:AA815785
 OC21608 OST126034, similar to genpept:1086886 musEST:AA549135
 OC21612 OST126052, similar to musEST:AI642663
 OC21614 OST126093, similar to genpept:4200234 musEST:AA117035
 OC21615 OST126099, similar to genpept:3327196 othEST:AW059255
 OC21616 OST126107, similar to sp:P12032 musEST:AA869885
 OC21619 OST126146, similar to sp:P16443 musEST:AA638671
 OC21624 OST126174, similar to gsp:Y02135 musEST:AA670682
 OC21627 OST126183, similar to genpept:4159682 musEST:AV120510
 OC21628 OST126191, similar to sp:P05387 musEST:AA710771
 OC21634 OST126215, similar to sp:Q98892 musEST:AA762103
 OC21636 OST126219, similar to sp:O18968 musEST:AA260373
 OC21637 OST126222, similar to genpept:2565396 musEST:AU051053
 OC21642 OST126273, similar to musEST:AI508353
 OC21643 OST126285, similar to musEST:AW046844
 OC21651 OST126324, similar to sp:P32037 musEST:AA177312
 OC21652 OST126329, similar to gsp:R78693 musEST:AI425406
 OC21640 OST126335, similar to genpept:5823528 musEST:AI115884
 OC21654 OST126345, similar to sp:Q62468 musEST:AI663456
 OC21658 OST126364, similar to genpept:2707344
 OC21663 OST126416, similar to musEST:AA166560
 OC21665 OST126427, similar to gsp:P60956 musEST:AI181068
 OC21679 OST126539, similar to musEST:AA563095
 OC21682 OST126569, similar to sp:P08033 musEST:AI326489
 OC21687 OST126600, similar to sp:P02362 musEST:AA796426
 OC21688 OST126626, similar to genpept:3342738
 OC21694 OST126695, similar to gsp:Y12504 musEST:AA881842
 OC21700 OST126726, similar to sp:Q13796
 OC21708 OST126767, similar to genpept:4322936 musEST:AA771056
 OC21713 OST126784, similar to sp:P25785 musEST:AI265017
 OC21701 OST126814, similar to sp:P02584 musEST:AA027646
 OC21722 OST126821, similar to genpept:3873699 musEST:AI466983

OC21723 OST126827, similar to genpept:5931549 musEST:AA000352
 OC21735 OST126919, similar to sp:Q62193 musEST:AA266114
 OC21734 OST126921, similar to musEST:AW049303
 OC21745 OST126967, similar to gsp:R84638
 OC21750 OST126979, similar to gsp:R54114 musEST:AI790814
 OC21751 OST126981, similar to sp:O09043 musEST:AA106277
 OC21754 OST126997, similar to genpept:2130632 musEST:AA445762
 OC21764 OST127062, similar to genpept:2150136 musEST:AA152917
 OC21770 OST127093, similar to sp:P26438 musEST:AA688904
 OC21777 OST127120, similar to genpept:2104558
 OC21780 OST127138, similar to sp:P13656 musEST:AA111068
 OC21781 OST127154, similar to sp:P41094 musEST:AA038290
 OC21786 OST127219, similar to sp:P21677 musEST:AI326744
 OC21788 OST127227, similar to gsp:W69436 musEST:AA688634
 OC21791 OST127245, similar to humEST:AI693917
 OC21794 OST127266, similar to genpept:2352822 musEST:W99912
 OC21795 OST127273, similar to musEST:W16254
 OC21802 OST127303, similar to musEST:AA272148
 OC21803 OST127306, similar to genpept:6013425 musEST:AI315865
 OC21815 OST127344, similar to musEST:AW050278
 OC21818 OST127347, similar to gsp:R99737 ratEST:AI104838
 OC21821 OST127379, similar to genpept:4529843 musEST:AW045124
 OC21839 OST127484, similar to musEST:AA071990
 OC21841 OST127492, similar to gsp:Y08404 musEST:AI614423
 OC21842 OST127504, similar to musEST:AA475011
 OC21847 OST127512, similar to musEST:AA197693
 OC21850 OST127536, similar to genpept:5817200
 OC21862 OST127665, similar to genpept:3319971 musEST:AI226514
 OC21864 OST127676, similar to ratEST:R47117
 OC21865 OST127677, similar to sp:P23589 musEST:AA254829
 OC21867 OST127687, similar to gsp:W27721 musEST:AA471799
 OC21869 OST127697, similar to musEST:AA174702
 OC21874 OST127740, similar to musEST:AA983032
 OC21883 OST127783, similar to sp:Q63450 musEST:AA983097
 OC21900 OST127843, similar to genpept:2587056 musEST:AA170916
 OC21902 OST127865, similar to genpept:1469809 musEST:AI956855
 OC21910 OST127924, similar to gsp:R27281 musEST:AA794776
 OC21912 OST127926, similar to gsp:W31277 musEST:AA111486
 OC21917 OST127955, similar to genpept:2911905 ratEST:AI764348
 OC21929 OST128039, similar to musEST:AA163617
 OC21933 OST128051, similar to gsp:R90577 ratEST:AI549479
 OC21935 OST128072, similar to genpept:4589570
 OC21939 OST128088, similar to sp:P56603 musEST:AA013693
 OC21946 OST128118, similar to genpept:4519623 musEST:AA600647
 OC21949 OST128141, similar to genpept:5656743 musEST:AA003784
 OC21950 OST128146, similar to musEST:W91302
 OC21965 OST128284, similar to sp:O73917 humEST:T27922
 OC21969 OST128310, similar to genpept:2289902
 OC21975 OST128377, similar to gsp:W89051 musEST:AI181191
 OC21977 OST128394, similar to genpept:1864159 musEST:AA272267
 OC21987 OST128465, similar to musEST:AA277062
 OC21997 OST128565, similar to genpept:2564328 ratEST:AI454404
 OC21998 OST128566, similar to musEST:AA867087
 OC21999 OST128568, similar to genpept:3879669 musEST:W53812
 OC22001 OST128580, similar to genpept:1938351 musEST:AA261400
 OC22006 OST128615, similar to genpept:3319290 musEST:W34526

OC22010 OST128636, similar to sp:P56581 musEST:W98015
 OC22011 OST128638, similar to genpept:2662073 musEST:AI322529
 OC22013 OST128644, similar to genpept:4959955 musEST:AA048951
 OC22014 OST128646, similar to musEST:AA545349
 OC22023 OST128699, similar to gsp:R10834 ratEST:AI228538
 OC22025 OST128713, similar to gsp:Y02281 musEST:W67047
 OQ22027 OST128724, similar to musEST:AI119098
 OC22041 OST128782, similar to gsp:W19615 musEST:AA230758
 OC22043 OST128799, similar to gsp:W67858 musEST:AA756259
 OC22049 OST128861, similar to genpept:639819
 OC22067 OST128979, similar to musEST:AI527717
 OC22068 OST128985, similar to genpept:4092930
 OC22072 OST128998, similar to sp:Q07760 musEST:AA259568
 OC22077 OST129045, similar to musEST:AA666569
 OC22078 OST129049, similar to genpept:2623224 musEST:AA152541
 OC22090 OST129129, similar to genpept:5689523
 OC22091 OST129131, similar to musEST:AA118026
 OC22095 OST129145, similar to musEST:AA273526
 OC22096 OST129153, similar to musEST:AA255075
 OC22102 OST129178, similar to musEST:AA422257
 OC22107 OST129272, similar to genpept:3406747 musEST:AA667941
 OC22114 OST129311, similar to musEST:AW045373
 OC22119 OST129408, similar to genpept:4106673 musEST:AA387520
 OC22134 OST129514, similar to sp:P53395 musEST:AI172922
 OC22137 OST129542, similar to gsp:Y12658 musEST:AI596803
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 OC21620 OST129662, similar to sp:P12367 musEST:AA066029
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 OC22166 OST129833, similar to genpept:6019464 musEST:AA451398
 OC22170 OST129846, similar to sp:P34670 musEST:AI892537
 OC22174 OST129879, similar to genpept:2895097 musEST:AI647763
 OC22176 OST129899, similar to genpept:1022718 musEST:AJ006255
 OC22182 OST129932, similar to genpept:309519 musEST:AA396024
 OC22185 OST129947, similar to genpept:1065515 musEST:AA238413
 OC22188 OST129984, similar to gsp:R63789 musEST:W53729
 OC22202 OST130060, similar to sp:Q22067 musEST:AA061300
 OC22204 OST130074, similar to genpept:5080758 musEST:AI118868
 OC22205 OST130085, similar to sp:O74893 musEST:AA033437
 OC22217 OST130203, similar to sp:Q60696 musEST:W14130
 OC22219 OST130223, similar to genpept:2047352 musEST:AA028667
 OC22237 OST130324, similar to genpept:437444 musEST:AI152168
 OC22238 OST130338, similar to sp:P38663 musEST:AA154668
 OC22240 OST130345, similar to musEST:AA183581
 OC22256 OST130521, similar to musEST:AA023471
 OC22258 OST130525, similar to gsp:R79455 musEST:AI225401
 OC22259 OST130530, similar to genpept:3986767 musEST:AA119175
 OC22263 OST130551, similar to musEST:AA427129
 OC22265 OST130573, similar to musEST:AI429109
 OC22266 OST130574, similar to gsp:W73473 ratEST:AA965120
 OC22267 OST130592, similar to musEST:AV145872
 OC22269 OST130625, similar to sp:P51655 musEST:AI893963
 OC22272 OST130648, similar to sp:O89086 musEST:W97917
 OC22274 OST130673, similar to musEST:AI429614
 OC22276 OST130686, similar to genpept:5348334 musEST:W07885
 OC22278 OST130691, similar to musEST:AI846903
 OC22281 OST130698, similar to sp:P56545 musEST:AA034811

OC22284 OST130708, similar to genpept:6018317 musEST:AI415003
 OC22293 OST130758, similar to genpept:469478 musEST:AA014327
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 OC22300 OST130803, similar to genpept:2177174 musEST:AA034723
 OC22303 OST130832, similar to musEST:AA286000
 OQ22304 OST130836, similar to musEST:AA930456
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 OC22306 OST130840, similar to musEST:AA414925
 OC22008 OST130841, similar to gsp:W85610 musEST:AI226464
 OC22307 OST130844, similar to genpept:469478 musEST:AA014327
 OC22317 OST130884, similar to musEST:AA259430
 OC22320 OST130905, similar to sp:O15265
 OC22321 OST130908, similar to musEST:AI605583
 OC22322 OST130911, similar to genpept:1142640 musEST:AA718206
 OC22324 OST130918, similar to musEST:W70839
 OC22338 OST131025, similar to genpept:4589670
 OC22339 OST131026, similar to gsp:W42400 musEST:AW044949
 OC22340 OST131039, similar to genpept:1710988 musEST:AA549145
 OC22341 OST131043, similar to genpept:3242764 musEST:AA790651
 OC22343 OST131055, similar to musEST:AA691691
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 OC22346 OST131079, similar to gsp:W27087 musEST:AA981010
 OC22347 OST131086, similar to genpept:4689258 musEST:AA624926
 OC22354 OST131121, similar to musEST:AA874608
 OC22356 OST131128, similar to genpept:3135309 musEST:AI465009
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 OC22367 OST131226, similar to musEST:AW048792
 OC22370 OST131265, similar to gsp:R88555 musEST:AA239928
 OC22372 OST131278, similar to genpept:1552275 musEST:AA895031
 OC22377 OST131313, similar to genpept:4151036 musEST:AA796275
 OC22394 OST131453, similar to gsp:W37148 musEST:W13849
 OC22398 OST131480, similar to gsp:W67438
 OC22400 OST131486, similar to gsp:W69224 musEST:W82796
 OC22404 OST131498, similar to sp:P55197 musEST:AA254209
 OC22405 OST131510, similar to musEST:AA290110
 OC22406 OST131521, similar to gsp:Y11384 musEST:AI645801
 OC22407 OST131528, similar to sp:P04073 musEST:AA120315
 OC22410 OST131546, similar to genpept:3309535 musEST:AA002757
 OC22411 OST131552, similar to gsp:W18822 musEST:AI426764
 OC22414 OST131567, similar to sp:P22935 musEST:AA106967
 OC22418 OST131650, similar to genpept:3335555 musEST:AA155039
 OC22420 OST131688, similar to musEST:AA542382
 OC22959 OST132630, similar to sp:O35454 musEST:AI049336
 OC22801 OST132714, similar to sp:P11842 musEST:AI893671
 OC22832 OST132725, similar to genpept:1944328 musEST:AI430391
 OC22966 OST132746, similar to sp:P11842 musEST:AI327019
 OC22785 OST132764, similar to genpept:5326828 musEST:AI426435
 OC22945 OST133117, similar to gsp:P82319 musEST:AA108947
 OC22970 OST134728, similar to gsp:R05562 musEST:AI1195674
 OC22847 OST134853, similar to musEST:AA638664
 OC23013 OST134896, similar to genpept:3127051 musEST:AA451161
 OC22860 OST134903, similar to genpept:3924708 musEST:AI427360
 OC22784 OST134909, similar to genpept:3851648 musEST:AI489925
 OC22802 OST134948, similar to sp:Q64669 musEST:AA067351

OC22910 OST134965, similar to genpept:1710188 musEST:AW049887
OC22885 OST135042, similar to genpept:5081824, similar to musEST:AA080020
OC22843 OST135056, similar to musEST:C89549
OC22773 OST135075, similar to sp:Q10430, similar to musEST:AA691890
OC22798 OST135085, similar to sp:P06366 ratEST:AA684774
OC23023 OST135099, similar to musEST:AI391324
OQ22939 OST135124, similar to musEST:AA079996